



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kristen K. Hedstrom, Terrance H. Gray, and William V. Shaffer

Application No.: 10/619,060

Group Art Unit: 3671

Filed: July 14, 2003

Examiner:

Confirmation No.: 6899

Title: Adjustable Angle Coupler for Leaching Chamber Systems

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
11/10/03	<i>Delina Panucci</i>
Date	Signature
<i>DELINA PANUCCI</i>	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☐ Copies of the cited references are enclosed.
    - ☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☒ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. 09/662,473, to which priority under 35 U.S.C. 120 is claimed.
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☐ The "concise explanation" requirement (non-English references) for reference(s) [       ] under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
    - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

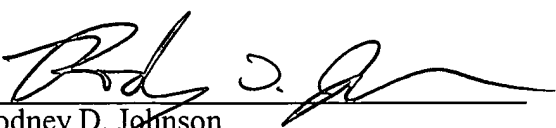
Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
Rodney D. Johnson  
Registration No.: 36,558  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated:

November 10, 2003

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1652.2003-003		APPLICATION NO. 10/619,060	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>October 7, 2003</b> (Use several sheets if necessary)		APPLICANT Kristen K. Hedstrom <i>et al.</i>			
		FILING DATE July 14, 2003		CONFIRMATION NO. 6899	GROUP 3671

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AA	77,285	28 Apr 1868	Holske
	AB	241,465	10 May 1881	Williams
	AC	1,255,023	29 Jan 1918	Lang
	AD	1,497,549	10 Jun 1924	Conradi
	AE	1,541,918	16 Jun 1925	Brennan
	AF	1,873,495	23 Aug 1932	Smittle
	AG	1,976,628	09 Oct 1934	O'Rourke
	AH	4,305,683	15 Dec 1981	Wagner <i>et al.</i>
	AI	4,783,318		Lapakko
	AJ	4,807,370	28 Feb 1989	Trimble
	AK	4,976,288	11 Dec 1990	Steele <i>et al.</i>
	AA2	5,215,338	01 Jun 1993	Kimura <i>et al.</i>
	AB2	5,588,778		Nichols <i>et al.</i>
	AC2	5,669,733		Daly <i>et al.</i>
	AD2	5,924,821		Hansen <i>et al.</i>
	AE2	6,076,993	20 Jun 2000	Gray
	AF2	6,270,287	07 Aug 2001	Gray
	AG2			
	AH2			
	AI2			
	AJ2			
	AK2			
	AA3			
	AB3			
	AC3			

EXAMINER	DATE CONSIDERED
----------	-----------------

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
1652.2003-003APPLICATION NO.  
10/619,060INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

October 7, 2003

APPLICANT  
Kristen K. Hedstrom *et al.*FILING DATE  
July 14, 2003CONFIRMATION NO.  
6899GROUP  
3671

(Use several sheets if necessary)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Infiltrator Systems, Inc., "Standard Contour Chamber for Septic System Leachfields".
AS	
AT	
AU	
AV	
AW	
AX	
AY	
AZ	
AR2	
AS2	
AT2	
AU2	
AV2	
AW2	
AX2	
AY2	

EXAMINER

DATE CONSIDERED